

ABSTRACT OF THE DISCLOSURE

A rotary flap is liable to turn about a longitudinal axis of rotation defined according to the first span of the flap, the flap having a profile extending along the chord and including a first leading edge, a first trailing edge, an inner surface and an outer surface. The inner surface and outer surface have non-concave shapes. The first leading edge has a rounded shape provided with a curve radius more or less constant or elliptical in shape whose first major axis to minor axis quotient is less than or equal to 1.5. The first trailing edge has a main angle that is included between  $10^{\circ}$  and  $30^{\circ}$ , and the axis of rotation is situated at a first distance from the first leading edge, that is included between 15% and 35% of the chord.